Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143139.D
Acq On : 17 Jul 2025 10:28
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 17 16:28:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	139441	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	530070	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	274433	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	448565	20.000	ng	0.00
76) Chrysene-d12	14.121	240	254124	20.000	ng	0.00
86) Perylene-d12	15.621	264	275128	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	687901	78.067	ng	0.00
7) Phenol-d6	6.581	99	867011	78.172	ng	0.00
23) Nitrobenzene-d5	7.522	82	827412	77.809	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	226403	79.859	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1537149	76.603	ng	0.00
79) Terphenyl-d14	13.068	244	1338025	78.353	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.816	88	165262	39.636	ng	100
3) Pyridine	3.587	79	420772	38.881	ng	99
4) n-Nitrosodimethylamine	3.528	42	220160	39.403	ng	99
6) Aniline	6.622	93	601694	38.926	ng	100
8) 2-Chlorophenol	6.745	128	361582	39.148	ng	100
9) Benzaldehyde	6.510	77	366235	44.036	ng	97
10) Phenol	6.598	94	498236	41.236	ng	99
11) bis(2-Chloroethyl)ether	6.692	93	358402	38.741	ng	99
12) 1,3-Dichlorobenzene	6.904	146	390997	38.968	ng	99
13) 1,4-Dichlorobenzene	6.981	146	397725	39.361	ng	100
14) 1,2-Dichlorobenzene	7.134	146	377988	39.331	ng	99
15) Benzyl Alcohol	7.098	79	331079	39.095	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	672553	39.190	ng	100
17) 2-Methylphenol	7.204	107	301958	38.881	ng	100
18) Hexachloroethane	7.481	117	137325	39.258	ng	98
19) n-Nitroso-di-n-propyla...	7.369	70	271399	38.141	ng	98
20) 3+4-Methylphenols	7.357	107	377994	40.116	ng	97
22) Acetophenone	7.369	105	490005	39.046	ng	97
24) Nitrobenzene	7.539	77	393633	39.704	ng	97
25) Isophorone	7.781	82	731612	38.973	ng	99
26) 2-Nitrophenol	7.857	139	167286	38.879	ng	100
27) 2,4-Dimethylphenol	7.886	122	339613	38.722	ng	99
28) bis(2-Chloroethoxy)met...	7.986	93	441325	39.210	ng	99
29) 2,4-Dichlorophenol	8.092	162	292346	39.525	ng	98
30) 1,2,4-Trichlorobenzene	8.186	180	314506	39.358	ng	100
31) Naphthalene	8.269	128	1018330	39.009	ng	100
32) Benzoic acid	7.975	122	147494	31.811	ng	98
33) 4-Chloroaniline	8.304	127	416454	39.069	ng	99
34) Hexachlorobutadiene	8.386	225	192801	39.497	ng	99
35) Caprolactam	8.669	113	89205	39.911	ng	95
36) 4-Chloro-3-methylphenol	8.780	107	316666	39.390	ng	99
37) 2-Methylnaphthalene	8.957	142	623114	39.225	ng	100
38) 1-Methylnaphthalene	9.057	142	643431	39.334	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	306542	38.689	ng	99
41) Hexachlorocyclopentadiene	9.116	237	201178	39.023	ng	100
43) 2,4,6-Trichlorophenol	9.227	196	209471	38.200	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	221756	40.428	ng		97
46) 1,1'-Biphenyl	9.422	154	826455	38.599	ng		100
47) 2-Chloronaphthalene	9.445	162	608800	38.428	ng		100
48) 2-Nitroaniline	9.533	65	199243	40.103	ng		99
49) Acenaphthylene	9.863	152	1038556	39.117	ng		99
50) Dimethylphthalate	9.716	163	703446	39.324	ng		100
51) 2,6-Dinitrotoluene	9.775	165	143518	39.439	ng		99
52) Acenaphthene	10.033	154	606514	38.651	ng		99
53) 3-Nitroaniline	9.939	138	169724	39.875	ng		97
54) 2,4-Dinitrophenol	10.039	184	45286	31.835	ng	#	1
55) Dibenzofuran	10.204	168	908600	38.999	ng		100
56) 4-Nitrophenol	10.086	139	126794	39.892	ng		100
57) 2,4-Dinitrotoluene	10.175	165	183763	40.250	ng		99
58) Fluorene	10.545	166	679098	38.837	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.316	232	180084	39.634	ng		99
60) Diethylphthalate	10.416	149	705956	39.928	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	338399	38.866	ng		99
62) 4-Nitroaniline	10.551	138	144674	39.659	ng		98
63) Azobenzene	10.698	77	728002	39.506	ng		100
65) 4,6-Dinitro-2-methylph...	10.580	198	77142	34.519	ng		95
66) n-Nitrosodiphenylamine	10.651	169	610597	38.657	ng		100
67) 4-Bromophenyl-phenylether	11.027	248	205008	38.350	ng		99
68) Hexachlorobenzene	11.098	284	216751	38.793	ng		99
69) Atrazine	11.174	200	173741	39.898	ng		100
70) Pentachlorophenol	11.286	266	128952	39.245	ng		99
71) Phenanthrene	11.510	178	931576	39.113	ng		100
72) Anthracene	11.563	178	948317	39.040	ng		99
73) Carbazole	11.710	167	833150	39.279	ng		99
74) Di-n-butylphthalate	12.045	149	975962	40.665	ng		100
75) Fluoranthene	12.698	202	871288	39.855	ng		100
77) Benzidine	12.810	184	357048	36.468	ng		99
78) Pyrene	12.927	202	855825	39.461	ng		99
80) Butylbenzylphthalate	13.539	149	275371	41.464	ng		99
81) Benzo(a)anthracene	14.110	228	644778	37.898	ng		100
82) 3,3'-Dichlorobenzidine	14.068	252	212838	37.535	ng		100
83) Chrysene	14.145	228	600092	39.230	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	402464	40.038	ng		99
85) Di-n-octyl phthalate	14.715	149	705566	38.723	ng		100
87) Indeno(1,2,3-cd)pyrene	17.156	276	780455	40.229	ng		100
88) Benzo(b)fluoranthene	15.180	252	641711	38.179	ng		99
89) Benzo(k)fluoranthene	15.209	252	611287	40.757	ng		100
90) Benzo(a)pyrene	15.557	252	616416	39.805	ng		99
91) Dibenzo(a,h)anthracene	17.180	278	625422	39.607	ng		98
92) Benzo(g,h,i)perylene	17.627	276	612761	40.116	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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